**【报告人】：**张大永 教授 （西南财经大学 经济与管理研究院）

**【报告题目】：**Identifying the Determinants of Energy Intensity in China: A Bayesian Averaging Approach

**【报告摘要】：**Facing serious energy constraints and environmental challenges, policy makers in China have set up clear targets to reduce energy intensity in order to secure a sustainable economic growth; however, it is unclear in theory what the determining forces are. The empirical evidence, although intensively discussed in the literature, also remain divided in opinion. This paper contributes to the existing literature full of heated debates using a Bayesian averaging approach to identify robust determinants of energy intensity in China. Using provincial level data, key contributors that help explain the level of energy intensity across China are found. By ranking the relative importance of explanatory variables according to their posterior inclusion probabilities, this study can also offer support to policy makers in designing intensity reduction policies. It is suggested that policies should focus on those robust and relatively more important factors such as fiscal expenditure, infrastructure and economic structure.

**报告人简介：**

张大永，2006年获得英国伯明翰大学经济学博士学位，同年加入英国莱斯特大学任教。2007年10月归国受聘于西南财经大学经济与管理研究院，2015年1月被评为经济学教授。主要研究方向为能源经济学、能源金融、金融市场与时间序列。在Energy Journal, Energy Economics, Energy Policy，Urban Studies，Econometric Reviews, 经济学季刊，数量经济技术经济研究等国内外期刊发表多篇学术论文。

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**报告地点**：经济与管理学院（将军路校区东区）704

**主办单位**：经济与管理学院 能源与环境经济研究所